

1. (Amended) A kit for creating and implanting a dental implant at an edentulous site in a jaw of a patient, comprising:

an endosseous implant body having a top surface, a receptacle of said implant body extending downwardly from said top surface, [a] an interior sidewall of said receptacle having screw threads, at least one noncircular receiving surface also formed in said interior sidewall;

19 a first, screw-threaded abutment having a head and a stem extending downwardly from said head, screw threads formed on said stem to mate with said screw threads of said receptacle in said endosseous implant body; and

a second, integral, press-fit castable and cementable abutment base having a head adaptable to have cast thereto an abutment body, [and] a stem of said second base extending downwardly from said head, said stem cementable into and receivable in said receptacle of said implant body as an alternative to said receptacle receiving said stem of said screw threaded abutment, at least one noncircular locking surface formed on said stem to mate with said at least one noncircular receiving surface on said sidewall of said receptacle, such that when said press-fit abutment base is press-fit into said receptacle of said implant body, said press-fit abutment base will not be able to rotate in respect of said implant body.

19 15. (Amended) [The dental implant body of Claim 17, wherein said polyhedron is a trapezoidal prism, an orthogonal cross-section of said prism being] An endosseous dental implant body, comprising:

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a top and a bottom, at least one exterior sidewall extending from said top to said bottom,

a receptacle formed from said top downwardly toward said bottom, an interior sidewall of said receptacle having screw threads adapted to receive a screw-threaded implant abutment base; and

a plurality of noncircular receiving surfaces formed in said interior sidewall, said noncircular receiving surfaces formed as corners of a trapezoid prism having parallel sides of unequal length.

*A2 cont'd*  
~~20.~~ (Amended) A press-fit, cementable and castable dental implant abutment base, comprising:

a [body] head having a top surface and a bottom surface, at least one sidewall extending between said top surface and said bottom surface, said head adaptable to have cast thereto an abutment body; and

a stem formed integrally with said head and extending downwardly from said bottom surface, at least one noncircular locking surface formed on said stem adaptable to mate with a respective noncircular receiving surface formed on an internal sidewall of an endosseous implant body such that said base is cementable into said implant body.

*B* ~~21.~~ <sup>base</sup> (Amended) The press-fit implant abutment of Claim ~~20~~ <sup>16</sup>, wherein said at least one locking [surfaces are] surface is formed within tolerances of  $\pm 0.0001$  inch.

27.22 (Amended) The press-fit implant abutment base of Claim [26], 20, wherein said top surface has formed therein means for attaching said abutment base to an impression pick-up.

Please add the following new Claims 34-36.

34. (New) The press-fit implant abutment base of Claim 27, wherein said means for attaching said abutment base to an impression pickup comprises an orifice formed to extend downwardly from said top surface of said head, a sprue vent formed to communicate said orifice to said sidewall of said head to aid the casting of an abutment body thereto.

35. (New) A kit for creating and implanting a dental implant at an edentulous site in a jaw of a patient, comprising:

an endosseous implant body having a top surface, a receptacle of said implant body extending downwardly from said top surface, an interior sidewall of said receptacle having screw threads, at least one noncircular receiving surface formed in said interior sidewall;

an integral, press-fit castable and cementable abutment base having a head adaptable to have cast thereto an abutment body, a stem of said base extending downwardly from said head, said stem cementable into and receivable in said receptacle of said implant body, at least one noncircular locking surface formed on said stem to mate with said at least one noncircular receiving surface formed in said interior sidewall of said implant body; and